Approved For Release 20002/41/991 © 2016 RD 1978 B04747A001300030005-0

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<sup>B. 1) Please discuss whether or not your objections to this development,
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B. 1) Please discuss whether or not your objections to this development, if any, are to its total concept or to its specific implementation.

2) What essential improvements would you recommend? What alterations, additions or deletions do you think are necessary?

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B. 1) Please discuss whether or not your objections to this development, if any, are to its total concept or to its specific implementation.

2) What essential improvements would you recommend? What alterations, additions or deletions do you think are necessary?

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SEGRETApproved For Release 2002/11/01 : CIA-RDP78B04747A001300030005-0

IAD/OSS-138/66 9 May 1966

	MEMORANDUM FOR: Assistant for Plans and Development, NPIC							
		5X1A						
	FROM: Chief, Imagery Analysis Division, CIA							
	SUBJECT: Film Reader Model 265 - Drawings							
25X1A	25X1A	25X1A						
25X1A	1. Per your request of 18 March 1966, Memorandum, P&DS/D/SSS/6-18 we have reviewed the drawings submitted by the under under	25X1						
25X1A	2. Although appears to have performed a creditable job in designing a production model film reader which would resolve problems encountered in the prototype viewer, current IAD responsibilities do not require utilization of an instrument of this type. We do not, therefore, recommend production of the Model 265 at this time unless its use is required by the NPIC/PAG.							
	3. Should a device of this type become an integral part of any future "chip selection" system we would, of course, wish to re-evaluate this proposal.							
~	4. We appreciate the opportunity of participating in this evaluation, and are returning the subject drawings with this memorandum.							
	25X1A							
	Attachment Subject Drawings							
]	Distribution Original - Addressee 2 - OSS/IAD							

25X1A Approved For Release 2002/11/01 : CIA-RDP78B04747A001300030005-0

* Appròved For Release 20 *** Appròved For Release 20 ***

IPO/OSB/M-131-66 30 March 1966

25X1A

25X1A

25X1A

MEMORANDUM FOR: Assistant for Plans and Development, NPIC
ATTENTION n : SUBJECT : Comments on Film Reader 25X1A
1. In response to your request to evaluate the engineering drawings and specifications for the new film reader, the PAG has found it impossible to review the box of engineering drawings submitted but the "System Description and Specifications #265" has been read and comments made in pencil near the statement to which it refers.
2. In reading the system description there seems to be no great change in operating procedures over what is now available in the prototype. One exception to this however is the film or leader loading which has been automated. According to the description of this however, it still is not a proven system operation that can be depended upon. More work should be done on operator convenience and simplification of procedures.
3. A memorandum evaluating the use of the present Reader/Viewer prototype will be forthcoming next week from PAG. This paper lists advantages and disadvantages, and recommendations concerning use of the instrument and additional computer data which would aid the photointerpretor.
4. It would be appreciated if the questions indicated in the comments on the "System Description and Specifications #265" were answered and forwarded to PAG. It is further suggested that have a discussion of the concept and operation of the new Reader/Viewer.
25X1A 25X1A
25X1A Assistant for Photographic Analysis, NPIC





25X1A

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NPIC/P&DS/D/6-844 22 March 1966

MEMORANDUM FOR: Assistant for Photographic Analysis, NPIC

SUBJECT:

Rear Projection Reader Development

1. In an effort to increase the photo interpreters' capability through automation, P&DS has been pursuing the design and development of high resolution rear projection readers for rapidly scanning and accurately measuring images within any single frame on large volumes of roll photography. In addition, it is anticipated that the readers will also serve as semi-automatic chip selection and reproduction requisition devices for the proposed NFIC Chip System.

25X1A

- Variable Width Film Reader (VWFR) prototype has been delivered and placed in operation in your facility. It must be understood that in the development of this prototype, the primary concern was one of increasing the state-of-the-art and demonstrating the feasibility of the reader concept. Little emphasis was placed on the human engineering or reliability aspects since any follow-on procurement would most likely necessitate redesign based upon the evaluation of the prototype. Whereas a prototype such as the VWFR logically should be placed in a test and evaluation area independent of operational considerations, it was placed in your spaces due to the lack of a test and evaluation component within the Center.
- 3. In addition to the VWFR prototype, a follow-on production engineering study has just been completed. The objective of this study was to eliminate the undersirable features of the prototype, provide additional capabilities, and reduce production unit cost without compromising the performance of the equipment. As a result of this study, a complete set of engineering design drawings and associated report has been forwarded to your staff for review and comment.

	on your evaluation of the prototype and the engineering
design drawings,	it is requested that you advise P&DS of your production
requirements for	additional readers \

25X1A

Assistant for Plans and Development, NPIC

Distribution:

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NPIC/P&DS/DB: TALO March 66)

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NPIC/P&DS/D/6. 3 March 1966

MEMORANDUM FOR: Photo Analysis Group

SUBJECT:

Rear Projection Readers

- P&DS has been pursuing the development and design of high resolution rear projection readers in an endeavor to provide photointerpreters with a capability for rapidly scanning large volumes of photography with an accurate measuring ability.
- Techniques such as image quenching, electromagnetic controlling effects and ultra-violet transparent fluorescent coatings are being investigated. Chemical and electro-chemical screen development using ultra-violet illumination to excite an organic coated screen with improved resolution has been proven feasible.

25X1A

Variable Width Film Reader (prototype) has been operational and the theory successfully operated, on a limited basis, by both PAG and TAD and proven useful for scanning and meansuration operations.

An engineering study with detailed drawings of a production type reader has been completed and is available for reviewing and editing. '

4. In view of the fact that the chip conquet may be adepted by NPIC this office recommends serious consideration be given to the production design reader because of its XXX measuring capability necessary for chip selection.

5. It is imperative at this point in time that P&DS receives direction from PAG as to the course of action desired in the area of rear projection readers. 25X1A

Assistant for Plans and Development, NPIC

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PAG review Heir requirements for a
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Protes to further course of action.
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FORM 1831

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